

Claims

- [c1] 1. A method of automatically switching a telephone system to an on-hook state, said telephone system comprising a spring circuit, said method comprising:
monitoring said telephone system to determine whether said telephone system operates in a normal use state;
and
switching said spring circuit to said on-hook state if said telephone system operates not in said normal use state.
- [c2] 2. The method of claim 1, wherein said step of monitoring said telephone system further includes monitoring said spring circuit to determine whether said spring circuit is in said off-hook state, and switching said spring circuit to said on-hook state only when said spring circuit is in said off-hook state.
- [c3] 3. The method of claim 1, wherein said step of switching said spring circuit to said on-hook state is performed only when said telephone system has operated not in said normal use state for a predetermined time.
- [c4] 4. A automatic on-hook telephone system, comprising:
a telephone, having a spring circuit;

an audio monitor, coupled to said telephone, for monitoring said telephone system to determine whether said telephone system is operating in a normal use state; a timer, coupled to said telephone, for counting a time of said telephone operating in an abnormal use state and generating a control signal when said time is longer than a predetermined time; and
an electronic switch, coupled to said telephone, for switching said spring circuit to said on-hook state in response to said control signal.

- [c5] 5. The automatic on-hook telephone system of claim 4, wherein audio monitor samples an audio signal for monitoring said telephone system to determine whether said telephone system is operating in said normal use state.